

STEREO MOC Status Report
Time Period: 2009:075 - 2009:081

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 080, several hours before BOT, DSS 55 was declared red since the antenna elevation brakes could not be released. This resulted in the loss of all TT&C services for the duration of the track. The SECCHI SSR1 partition reached 100% at 080-17:46:10Z till 081-06:16:14Z. See DR# M105281 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 6.2 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 078, the day 080 DSS 15 track was moved 25 minutes later and the station was switched to DSS 24 to avoid possible RF interference.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 077, the first SECCHI HI 180 degree roll to observe the L5 libration point was executed successfully.
- IMU2 continues to be used as the G&C gyro sensor. While IMU1 is nominal, IMU2 is being used to characterize its performance.
- The average daily SSR playback volume for Behind was 5.9 Gbits during this week.